

Title (en)

VIDEO TRANSMISSION METHOD, SERVER, VR PLAYBACK TERMINAL AND COMPUTER-READABLE STORAGE MEDIUM

Title (de)

VIDEOÜBERTRAGUNGSVERFAHREN, SERVER, VR-WIEDERGABEENDGERÄT UND COMPUTERLESBARES SPEICHERMEDIUM

Title (fr)

PROCÉDÉ DE TRANSMISSION VIDÉO, SERVEUR, TERMINAL DE LECTURE VR ET SUPPORT DE STOCKAGE LISIBLE PAR ORDINATEUR

Publication

EP 3691280 A4 20210127 (EN)

Application

EP 18859378 A 20180821

Priority

- CN 201710874249 A 20170925
- CN 2018101574 W 20180821

Abstract (en)

[origin: US2020120380A1] Disclosed are a video transmission method, a server and a VR playback device. The method includes: predicting (101), according to obtained first position information of a virtual reality VR playback terminal, second position information of the VR playback terminal within a set time length; and sending (102), when a compressed video of a viewing angle that corresponds to the second position information is sent to the VR playback terminal, the compressed video to other video playback terminals when a sharing instruction sent by the VR playback terminal is received, so that the other video playback terminals play back the compressed video.

IPC 8 full level

H04N 21/41 (2011.01); **G06F 3/01** (2006.01); **H04N 21/2187** (2011.01); **H04N 21/2343** (2011.01); **H04N 21/239** (2011.01); **H04N 21/414** (2011.01); **H04N 21/4223** (2011.01); **H04N 21/4363** (2011.01); **H04N 21/4402** (2011.01); **H04N 21/442** (2011.01); **H04N 21/81** (2011.01)

CPC (source: EP US)

H04N 21/2187 (2013.01 - EP); **H04N 21/2343** (2013.01 - EP US); **H04N 21/239** (2013.01 - EP US); **H04N 21/41407** (2013.01 - EP US); **H04N 21/4223** (2013.01 - US); **H04N 21/43637** (2013.01 - EP US); **H04N 21/4402** (2013.01 - EP); **H04N 21/44218** (2013.01 - EP US); **H04N 21/816** (2013.01 - EP); **G06F 3/01** (2013.01 - EP); **H04N 21/4223** (2013.01 - EP)

Citation (search report)

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- [A] WO 2016158001 A1 20161006 - SONY CORP [JP]
- [A] WO 2017161276 A1 20170921 - SONY INTERACTIVE ENTERTAINMENT INC [JP], et al
- [A] MICHAEL ANTONOV: "AsynchronousTimewarp Examined", 3 March 2015 (2015-03-03), pages 1 - 11, XP055344740, Retrieved from the Internet <URL:https://developer3.oculus.com/blog/asynchronous-timewarp-examined/> [retrieved on 20170210]
- [A] VR INDUSTRY FORUM: "VR Industry Forum: Draft Guidelines", 12 September 2017 (2017-09-12), XP055529346, Retrieved from the Internet <URL:https://www.vr-if.org/wp-content/uploads/VRIF_Draft_Guidelines-v0.0draft10-2017-09-12.pdf> [retrieved on 20181203]
- See references of WO 2019056904A1

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DOCDB simple family (application)

US 201816626357 A 20180821; CN 201710874249 A 20170925; CN 2018101574 W 20180821; EP 18859378 A 20180821; JP 2019571954 A 20180821